EAST Search History

EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L3	0	"10586114".pn. and (CYLINDRICAL WALL)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	WITH	ON	2011/03/08 10:03
L4	1	"10586114"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	WITH	ON	2011/03/08 10:03
L5	1	4 and (CYLINDRICAL WALL)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	WITH	ON	2011/03/08 10:03
L6	25	(US-20070283746-$ or US-20010044155-$ or US-20040076549-$ or US-20040077101-$).did. or (US-6387234-$ or US-5672810-$ or US-6290909-$ or US-6148680-$ or US-4939943-$ or US-6354136-$ or US-6205841-$ or US-6610201-$ or US-7204264-$ or US-5795469-$ or US-7063785-$ or US-6190550-$ or US-4314823-$ or US-4070155-$ or US-3934981-$ or US-3621263-$).did. or (US-6290909-$ or US-6387234-$ or EP-990899-$ or JP-09033502-$ or EP-327658-$).did.	US-PGPUB; USPAT; DERWENT	WITH	ON	2011/03/08 10:04
L8	7	6 and (CYLINDRICAL or CYLIND$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	WITH	ON	2011/03/08 10:05
L9	11	6 and (FITTING or FITTED or GASKET or SEAL$3 or (FLUID adj2 TIGHT))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	WITH	ON	2011/03/08 10:13

L10	9	9 AND (HPLC or (HIGH PRESSUR$4))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	WITH	ON	2011/03/08 10:16
L11	149	(FREEZE THAW VALVE)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	WITH	ON	2011/03/08 10:39
L12	104	11 AND LIQUID	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	WITH	ON	2011/03/08 10:39
L13	122	11 AND (LIQUID or FLUID)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	WITH	ON	2011/03/08 10:39
L14	71	13 and (@AY<="2004")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	WITH	OFF	2011/03/08 10:39
L15	22	14 AND CHROMATOGRAPHY	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	WITH	OFF	2011/03/08 10:39
S1	5	US-5672810-$.DID. OR US-4939943-$.DID. OR US-6148680-$.DID. OR US-6290909-$.DID. OR US-6387234-$.DID.	US-PGPUB; USPAT; USOCR	WITH	OFF	2010/02/04 12:13
S2	2	S1 and SECOND	US-PGPUB; USPAT; USOCR	WITH	OFF	2010/02/04 12:14
S3	2	S2 and VALVE	US-PGPUB; USPAT; USOCR	WITH	OFF	2010/02/04 12:14
S4	1	S3 and CHAMBER	US-PGPUB; USPAT; USOCR	WITH	OFF	2010/02/04 12:16
S5	1	"10586114"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	WITH	OFF	2010/06/14 16:44

S6	10	("4939943" | "5672810" | "6387234" | "6148680" | "6290909" | "6387234").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	WITH	OFF	2010/06/14 17:01
S7	64	((SAMPLE INJECTOR) CHROMATOGRAPHY).TI.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	WITH	OFF	2010/06/14 17:22
S8	45	S7 and (@AY<="2004")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	WITH	OFF	2010/06/14 17:22
S9	22	(S8 or S6) and VALV$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	WITH	OFF	2010/06/14 17:23
S10	1	S9 and VENT	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	WITH	OFF	2010/06/14 17:24
S11	18	("3057183" | "3327520" | "4805441" | "5339673" | "5347844" | "5467635" | "5524084" | "5545252").PN. OR ("5672810").URPN.	US-PGPUB; USPAT; USOCR	WITH	OFF	2010/06/14 17:24
S12	43	((Shibamoto) near2 (Shigeaki)).INV.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	WITH	OFF	2010/06/14 17:25
S13	36	S12 and (@AY<="2004")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	WITH	OFF	2010/06/14 17:25
S14	64	((SAMPLE INJECTOR) CHROMATOGRAPHY).TI.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	WITH	OFF	2010/06/15 13:26

S15	1	S14 and 210/656.CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	WITH	OFF	2010/06/15 13:26
S16	3143	210/656.CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	WITH	OFF	2010/06/15 13:29
S17	32	S16 and (INLET and CHAMBER and VALV$3 and EXIT and SOLUTE and (CAPILLARY or TUBE))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	WITH	OFF	2010/06/15 13:31
S18	32	S17 and (AY<="2004")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	WITH	OFF	2010/06/15 13:31
S19	5360	(LIQUID adj CHROMATOGRAPH$3).TI.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	WITH	OFF	2010/06/15 14:37
S20	5360	S19 and (AY<="2004")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	WITH	OFF	2010/06/15 14:38
S21	4066	S19 and (@AY<="2004")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	WITH	OFF	2010/06/15 14:38
S22	142	S21 and (INLET and CHAMBER and VALV$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	WITH	OFF	2010/06/15 14:39
S23	16	S22 and VENT$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	WITH	OFF	2010/06/15 14:40

S24	69	S22 and ("210".CLAS. or "422.CLAS")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	WITH	OFF	2010/06/15 14:41
S25	73	S22 and ("210".CLAS. or "422".CLAS.)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	WITH	OFF	2010/06/15 14:41
S26	26730	HIGH PRESSURE LIQUID CHROMATOGRAPHY	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2010/06/15 14:46
S27	1006	S26 and ("210".CLAS. or "422".CLAS.)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	WITH	OFF	2010/06/15 14:46
S28	15	S27 and S25	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	WITH	OFF	2010/06/15 14:46
S29	229	S27 and (INLET and CHAMBER and VALV$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	WITH	OFF	2010/06/15 14:47
S30	191	S29 and (@AY<="2004")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	WITH	OFF	2010/06/15 14:47
S31	191	S30 and ("210".CLAS. or "422".CLAS.)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	WITH	OFF	2010/06/15 14:55
S32	783	73/61.56,61.52.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	WITH	OFF	2010/06/16 09:50

S33	3468	210/635,656.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	WITH	OFF	2010/06/16 09:50
S34	1922	436/180.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	WITH	OFF	2010/06/16 09:51
S35	9289	422/68.1,100,70.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	WITH	OFF	2010/06/16 09:51
S36	13404	S32 or S33 or S34 or S35	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	WITH	OFF	2010/06/16 09:51
S37	5360	(LIQUID adj CHROMATOGRAPH $3).TI.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	WITH	OFF	2010/06/16 09:52
S38	4066	S37 and (@AY<="2004")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	WITH	OFF	2010/06/16 09:52
S39	142	S38 and (INLET and CHAMBER and VALV$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	WITH	OFF	2010/06/16 09:52
S40	61	S36 and S39	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	WITH	OFF	2010/06/16 09:52
S41	6	S40 and VENT	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	WITH	OFF	2010/06/16 09:53

S42	6	S40 and VENT$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	WITH	OFF	2010/06/16 09:53
S43	14	(US-20070283746-$).did. or (US-6387234-$ or US-5672810-$ or US-6290909-$ or US-6148680-$ or US-4939943-$ or US-6354136-$ or US-6205841-$ or US-6610201-$).did. or (US-6290909-$ or US-6387234-$ or EP-990899-$ or JP-09033502-$ or EP-327658-$).did.	US-PGPUB; USPAT; DERWENT	WITH	OFF	2010/06/16 10:49
S44	14	S43 and (CHAMBER or COLUMN)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	WITH	OFF	2010/06/16 10:49
S45	9	S44 and VALV$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	WITH	OFF	2010/06/16 10:49
S46	6	S45 and ((INLET or INPUT) and (OUTLET or EXIT))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	WITH	OFF	2010/06/16 10:49
S47	63	FREEZE$1THAW VALV$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	WITH	OFF	2010/06/16 10:58
S48	22	S47 and CHROMATOGRAPH$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	WITH	OFF	2010/06/16 10:59
S49	20	S48 and PRESSURE	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	WITH	OFF	2010/06/16 10:59
S50	20	S49 and (LIQUID or FLUID$2)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	WITH	OFF	2010/06/16 10:59

S51	11	S50 and (@AY<="2004")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	WITH	OFF	2010/06/16 10:59
S52	10	S51 and (HIGH near PRESSURE)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	WITH	OFF	2010/06/16 11:00
S53	3	S46 and FREEZE$1THAW VALV$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	WITH	OFF	2010/06/16 11:12
S54	1420	422/70.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	WITH	OFF	2010/06/16 11:17
S55	1247	S54 and CHROMATOGRAPH$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	WITH	OFF	2010/06/16 11:17
S56	240	S55 and ((LIQUID or FLUID) and VALV$3 and (HIGH near PRESSUR$4))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	WITH	OFF	2010/06/16 11:18
S57	1	S56 and S47	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	WITH	OFF	2010/06/16 11:18
S58	168	S56 and ((INLET or INPUT) and (OUTLET or EXIT))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	WITH	OFF	2010/06/16 11:22
S59	21	S56 and ((SECOND or PLURAL$4 near (INLET or INPUT)) and (SECOND or PLURAL$4) near (OUTLET or EXIT))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	WITH	OFF	2010/06/16 11:22

S60	3532	210/198.2.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	WITH	OFF	2010/06/16 11:41
S61	3	S52 and S60	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	WITH	OFF	2010/06/16 11:42
S62	26	("4191649" | "4233156" | "4311586" | "4475821" | "4534659" | "4767279" | "4942018" | "4981597" | "4986919" | "4990250" | "5094099" | "5234587" | "5360320" | "5423661" | "5531106" | "5637208" | "5638986" | "5730867" | "5795469" | "5852231" | "5897781" | "6099724").PN. OR ("6610201").URPN.	US-PGPUB; USPAT; USOCR	WITH	OFF	2010/06/16 11:47
S63	29	((GEOFF) near2 (GERHARDT)).INV.	US-PGPUB; USPAT	WITH	OFF	2010/06/21 13:24
S64	13	((JAMES) near2 (JORGENSON)).INV.	US-PGPUB; USPAT	WITH	OFF	2010/06/21 13:24
S65	14	((KEITH) near2 (FADGEN)).INV.	US-PGPUB; USPAT	WITH	OFF	2010/06/21 13:25
S66	1	"12355683"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2011/02/25 10:52
S67	11526	RFID.ti.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2011/02/25 10:53
S68	1	"10586114"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	WITH	OFF	2011/02/28 10:30
S69	1	S68 and (FIRST EXIT OPEN$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	WITH	OFF	2011/02/28 10:30

S70	1	S68 and (FIRST inlet OPEN$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	WITH	OFF	2011/02/28 10:39
S71	2	"5672810".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	WITH	ON	2011/02/28 11:33
S72	5708	(LIQUID CHROMATOGRAPHY).ti.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	WITH	ON	2011/02/28 12:14
S73	29832383	(@AY<="2004")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	WITH	ON	2011/02/28 12:15
S74	4297	S72 AND S73	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	WITH	ON	2011/02/28 12:16
S75	619	(HIGH PRESSURE) AND S74	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	WITH	ON	2011/02/28 12:16
S76	225	S75 AND ("422".CLAS. or "210".CLAS. or "73".CLAS.)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	WITH	ON	2011/02/28 12:17
S78	13445	422/5$2.ccls.	US-PGPUB; USPAT; USOCR	WITH	OFF	2011/03/07 09:08
S82	1479	422/70.CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	WITH	ON	2011/03/07 11:25
S83	1126	S82 and (@AY<="2004")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	WITH	ON	2011/03/07 11:25

S84	521	S83 and (INLET or OUTLET)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	WITH	ON	2011/03/07 11:25
S85	351	S84 and VALV$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	WITH	ON	2011/03/07 11:25
S86	327	S85 and (OUTLET or EXIT)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	WITH	ON	2011/03/07 11:26
S87	171	S86 and (HIGH PRESSUR$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	WITH	ON	2011/03/07 11:26
S88	6470	(LIQUID CHROMATOGRAPH$3) and (@AY<="1979")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	WITH	ON	2011/03/07 11:33
S89	202	S88 and "422".CLAS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	WITH	ON	2011/03/07 11:34
S90	153	S89 and (CONDUIT or TUBE)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	WITH	ON	2011/03/07 11:39
S91	85	S90 AND VALV$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	WITH	ON	2011/03/07 11:39
S92	11	("2764178" | "3060318" | "3242720" | "3523733").PN. OR ("3621263").URPN.	US-PGPUB; USPAT; USOCR	WITH	ON	2011/03/07 11:58
S93	13445	422/5$2,70.ccls.	US-PGPUB; USPAT; USOCR	WITH	OFF	2011/03/07 12:16
S94	18591	422/5$2,70.ccls. or 436/180.ccls. or 210/635,656,198.2.ccls.	US-PGPUB; USPAT; USOCR	WITH	OFF	2011/03/07 12:17

S95	121703	(LIQUID CHROMATOGRAPH$3) and (@AY<="2004")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	WITH	ON	2011/03/07 12:17
S96	3166	S94 and S95	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	WITH	ON	2011/03/07 12:17
S97	1697	(LIQUID CHROMATOGRAPH$3) and (@AY<="2004") and (VALV $3) and (INLET) and (OUTLET or EXIT) and (CONDUIT or TUB43)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	WITH	ON	2011/03/07 12:18
S98	1888	(LIQUID CHROMATOGRAPH$3) and (@AY<="2004") and (VALV $3) and (INLET or OPEN$3) and (OUTLET or EXIT) and (CONDUIT or TUB43)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	WITH	ON	2011/03/07 12:19
S99	415	S94 AND S98	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	WITH	ON	2011/03/07 12:19
S100	108	S98 AND S82	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	WITH	ON	2011/03/07 12:19
S101	1	"10586114" and (FIRST EXIT OPENING)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	WITH	OFF	2011/03/07 15:47
S102	25	(US-20070283746-$ or US-20010044155-$ or US-20040076549-$ or US-20040077101-$).did. or (US-6387234-$ or US-5672810-$ or US-6290909-$ or US-6148680-$ or US-4939943-$ or US-6354136-$ or US-6205841-$ or US-6610201-$ or US-7204264-$ or US-5795469-$ or US-7063785-$ or US-6190550-$ or US-4314823-$ or US-4070155-$ or US-3934981-$ or US-3621263-$).did. or (US-6290909-$ or US-6387234-$ or EP-990899-$ or JP-09033502-$	US-PGPUB; USPAT; DERWENT	WITH	ON	2011/03/07 16:12

		or EP-327658-$).did.				
S103	9	S102 and needle	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	WITH	ON	2011/03/07 16:12

3/8/2011 11:17:22 AM
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